

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(A4BF3A) Hex(CDF728) Hex(62BF3A) Hex(5C5E55) Hex(7E9E00) Hex(181F00)

	Hex(A4BF3A)	Hex(CDF728)	Hex(62BF3A)	Hex(5C5E55)	Hex(7E9E00)	Hex(181F00)
Hex(A4BF3A)		Ratio: 1.68 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 8.17 Passed ⁶
Hex(CDF728)	Ratio: 1.68 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 13.71 Passed ⁶
Hex(62BF3A)	Ratio: 1.12 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 7.32 Passed ⁶
Hex(5C5E55)	Ratio: 3.17 AA 18pt ²	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 2.83 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(7E9E00)	Ratio: 1.49 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(181F00)	Ratio: 8.17 Passed ⁶	Ratio: 13.71 Passed ⁶	Ratio: 7.32 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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